



Terminals & Splices > Automotive Terminals > DEUTSCH Solid Contacts



Terminal Type: Pin  
Mating Pin Diameter: 1 mm [.04 in]  
Terminal Transmits: 0 – 24 A (Low Power)  
Wire Size: .5 mm²

[All DEUTSCH Solid Contacts \(46\)](#)

Features

Product Type Features

|                  |      |
|------------------|------|
| Receptacle Style | 180° |
| Sealable         | No   |

Contact Features

|                                                |              |
|------------------------------------------------|--------------|
| Contact Size                                   | Size 20      |
| Contact Fabrication                            | Solid        |
| Wire Contact Termination Area Plating Material | Gold         |
| Typical Current Rating                         | 7.5 A        |
| Crimp Type                                     | Indent       |
| Terminal Type                                  | Pin          |
| Mating Pin Diameter                            | 1 mm[.04 in] |
| Interface Plating                              | Gold (Au)    |

Termination Features

|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
| Product Terminates To              | Wire  |

Dimensions

|                  |        |
|------------------|--------|
| Wire Size        | .5 mm² |
| Wire Size Search | 20 AWG |



Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Insulation Option           | Uninsulated                |
| Operating Temperature (Max) | 150 °C[302 °F]             |
| Operating Temperature Range | -55 – 150 °C[-67 – 302 °F] |

Operation/Application

|                                    |        |
|------------------------------------|--------|
| Compatible With Wire Base Material | Copper |
|------------------------------------|--------|

Packaging Features

|                    |         |
|--------------------|---------|
| Packaging Quantity | 5000    |
| Packaging Method   | Package |

Other

|                            |                      |
|----------------------------|----------------------|
| Customer Preferred Contact | Yes                  |
| Terminal Transmits         | 0 – 24 A (Low Power) |

Product Compliance

For compliance documentation, visit the product page on TE.com>

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU                  | Compliant with Exemptions                                                                                                                                                                                                                                                                                                                                                                                                      |
| EU ELV Directive 2000/53/EC                   | Compliant with Exemptions                                                                                                                                                                                                                                                                                                                                                                                                      |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold                                                                                                                                                                                                                                                                                                                                                                                           |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>SVHC > Threshold:<br>Pb (1.2% in Component Part)<br><b>Article Safe Usage Statements:</b><br>Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free                                                                                                                                                                                                                                                                                                                                            |
| Solder Process Capability                     | Not reviewed for solder process capability                                                                                                                                                                                                                                                                                                                                                                                     |

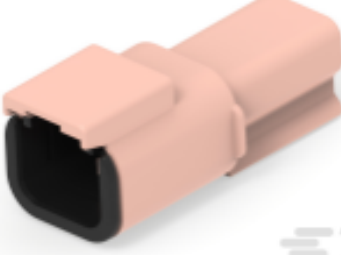
Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits



as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

|                                                                                                                                                             |                                                                                                                                                   |                                                                                                                                                     |                                                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # CAT-H3930-CH8172<br/>DEUTSCH HD30 Housings</p>               |  <p>TE Part # CAT-H396-CH8172<br/>DEUTSCH HDP20 Housings</p>     |  <p>TE Part # CAT-D485-CH8172<br/>DEUTSCH DTM Housings</p>       |  <p>TE Part # CAT-D781-CH8172<br/>DEUTSCH DRB Housings</p>          |
|  <p>TE Part # HDT-48-00<br/>CRIMP TOOL, HAND</p>                         |  <p>TE Part # HDT-50-00<br/>CRIMP TOOL</p>                     |  <p>TE Part # DTM04-08PC<br/>REC, 8P, GRN, N, C</p>            |  <p>TE Part # 1062-20-0244<br/>SOC, SF, SIZE 20, 16-22, AU/SN</p> |
|  <p>TE Part # 9-2370710-1<br/>CU ALLOY,SHIELD ASSY,CONN HSG, DATA DT</p> |  <p>TE Part # DTM04-3P-R011<br/>REC, 3P, BLK, 90DEG, PANEL</p> |  <p>TE Part # DTMH04-2PD<br/>REC, 2P, BLK, N, HI TEMP, D</p>   |  <p>TE Part # DTMH04-4PD<br/>REC, 4P, BLK, N, HI TEMP, D</p>      |
|  <p>TE Part # HDP-400<br/>POWER CRIMPER</p>                              |  <p>TE Part # CAT-D799-CH8172<br/>DEUTSCH DRC Housings</p>     |  <p>TE Part # CAT-ST858-CH8172<br/>DEUTSCH Strike Housings</p> |  <p>TE Part # CAT-D48-ST273<br/>DEUTSCH Solid Contacts</p>        |



TE Part # DTM04-12PA-EE04  
REC, 12P, BLK, N, HIGH TEMP, A

TE Part # 1062-20-0144  
SOC, SF, SIZE 20, 16-22, AU/SN

TE Part # 1-2303064-1  
12POS,STAMPED 20,PIN HSG ASSY, SLD,COD 1

TE Part # 1062-20-0344  
SOC, SF, SIZE 20, 16-22, SLEVLESS, AU /SN

Also in the Series

DEUTSCH Common Contact

Automotive Terminals(91)

Insertion & Extraction Tools(8)

Customers Also Bought

TE Part #WM-4S  
WEDGE LOCK, 4P, PLG, ORG, DTM

TE Part #DTM04-2P-E003  
REC, 2P, GRY, N, CAP

TE Part #0460-010-2031  
PIN, SOLID, SIZE 20, 16-18AWG, AU

TE Part #0413-204-2005  
SEALING PLUG, SIZE 20, RED

TE Part #1-280079-2  
250 FASTON,REC,,14-17AWG,TPBR

TE Part #5-146129-1  
03 MODII HDR SR SFMNT B/A .100

TE Part #20014113-00  
AST4401W20000P4D2000: CTO-13000000-03

TE Part #HD44-24-14PE  
KT RC HD30 24 SHL 14 WY E SEAL

TE Part #HD44-24-31PE-059  
KT RC HD30 24 SHL 31 WY E SEAL CLMP

TE Part #HD46-24-14SE  
KT PL HD30 24 SHL 14 WY E SEAL



Documents

Product Drawings  
PIN, SOLID, SIZE 20, 20AWG, AU  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_0460-202-2031\_C.2d\_dxf.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_0460-202-2031\_C.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_0460-202-2031\_C.3d\_stp.zip  
English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages  
CONNECTOR SELECTOR  
English

Product Specifications  
Engineering Report  
English